Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 21 May 2021 until 23:59 on Saturday 22 May 2021

Forecast Issued on Thursday 20 May 2021 at 15:28

Confidence: Generally high confidence.

Headline for Friday 21 May 2021: Heavy rain, fog, feeling cold in strong to gale force winds.

Mountain weather hazards on Friday 21 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy rain showers	Light rain showers (night)
Precipitation probability							
80%	80%	70%	80%	80%	60%	60%	50%

Forecast for Friday 21 May 2021

Weather: Overcast for much of the day with periods of heavy, and widespread low cloud shrouding hills. Some cloud breaks may develop later in the day. It will feel cold in strong southwesterly winds, sometimes gusting to gale force over exposed peaks and ridges, veering northwesterly later and easing.

Chance of cloud free mountain/hill tops above 600m: Zero to 10 percent through the day, perhaps 30 percent for a time during the evening as cloud breaks develop.

Visibility: Moderate to poor in heavy rain in valleys with nearby hills obscured. Very poor at altitude with widespread low cloud cover.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 21 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/40 S	31/41 SW	28/38 SW	24/34 SW	19/27 SW	15/21 NW	13/20 NW	16/23 NW	16/23 NW
300	25/36 S	25/37 S	24/35 S	21/32 SW	16/25 SW	13/20 W	12/19 NW	13/20 NW	13/20 NW
Valley	16/34 S	16/35 S	15/32 S	14/29 S	12/23 SW	8/17 NW	9/18 NW	10/21 NW	10/19 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-0	6/-0	6/-0	6/1	7/3	8/4	7/4	6/1	4/-0
300	8/3	8/3	8/3	8/4	9/6	10/8	9/7	8/5	6/3
Valley	8/5	8/5	8/5	9/6	10/7	11/9	10/8	8/6	7/4
Freezing Level*	1700m	1600m	1600m	1600m	1800m	1800m	1600m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold in the strong to gale force winds, gusting to 50 mph at times during the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 19 May 2021	N/A	N/A	N/A

Forecast for Saturday 22 May 2021

Weather: Rain will tend to clear during the early hours with broken cloud cover. Some sunny spells are expected during the day with a few showers developing, then mainly dry with variable cloud into the evening.

Maximum wind: Moderate or fresh northwesterly winds, locally strong, gusting to 35 mph during the day.

Chance of cloud free mountain/hill tops above 600m: 30 percent in the early hours, becoming 80 percent during the day.

Visibility: Mainly good or very good with distant hills visible. Perhaps moderate at first in early mist, and poor in any early fog on hills. Locally moderate in showers.

Temperature: **Valleys:** 4 deg C becoming 12 deg C.
At 600m: 2 deg C becoming 6 deg C.
Freezing level: Slightly above the peaks at first, then well above during the day.

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